

SolarTech Power Solutions

Solar panel supply and demand situation



Overview

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The US solar industry installed 7.5 gigawatts direct current (GW dc) of capacity in Q2 2025, a 24% decline from Q2 2024 and a 28% decrease since Q1 2025. Solar accounted for 56% of all new electricity-generating capacity added to the US grid in the first half of 2025, with a total of 18 GW.

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Each quarter, the National Renewable Energy Laboratory conducts the Quarterly Solar Industry Update, a presentation of technical trends within the solar industry. Each presentation focuses on global and U.S. supply and demand, module and system price, investment trends and business models, and.

A Solar Energy Industries Association report indicates that the U.S. solar manufacturing pipeline is robust, however, Trump Administration policies, regulations and trade actions could stall progress and dampen demand for U.S.-made products. Once a dream, now reality: the Solar Energy Industries.

Demand growth is a rising tide that lifts all boats, and it especially lifted renewable ones in 2024. Renewables were already buoyed by record public and private investment in, and demand for, clean energy that set the stage for

continued growth in 2024. 1 Utility-scale solar and wind capacity.

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